

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-012783**Date Inspected:** 25-Mar-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	NA			CWI Present:	Yes	No	
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A

Bridge No: 34-0006**Component:** OBG SEG 9AE & SEG 9BW.**Summary of Items Observed:**

On this day CALTRANS OSM Quality Assurance Inspector (QA) Shailesh Wadkar was present during the times noted above for observations relative to the fabrication of the Self Anchored Suspension (SAS) Superstructure being performed by Zhenhua Port Machinery Company (ZPMC) at Changxing Island, in Shanghai, China. QA observed and/or found the following:

Outside Yard:

SEG 9AE:

Notification No: 005416.

This QA inspector performed Magnetic Particle Testing (MT) of approximately 15% of an area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel. This QA Inspector has generated MT report for this date. The member(s) are identified as OBG components. The weld designations reviewed are as follows:

- 1) CA057-001 – 015, 021, 023, 025, 027, 033, 035, 037, 039, 045, 047, 049, 051, 057, 059 & 061.
- 2) CA058-001 – 015, 021, 023, 025, 027, 033, 035, 037, 039, 045, 047, 049, 051, 057, 059 & 061.

SEG 9BW:

Notification No: 005413.

WELDING INSPECTION REPORT

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This QA inspector performed Magnetic Particle Testing (MT) of approximately 15% of an area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel. This QA Inspector has generated MT report for this date. The member(s) are identified as OBG components. The weld designations reviewed are as follows:

- 1) SEG 051B-001 – 022 to 025, 031 to 034, 040, 042, 016, 027, 039 & 052 to 056.
- 2) PP73.5-SSD21-001 – 041 to 046 & 049 to 054.
- 3) PP74-SSD10-001 – 097 to 012, 039 to 044, 047 to 052, 105 to 111.
- 4) PP74.5-SSD22-001 – 039 to 044 & 049 to 054.
- 5) PP75-SSD11-001 – 039 to 044, 097 to 102, 105 to 111 & 047 to 052.
- 6) PP75.5-SSD22-001 - 041 to 046 & 049 to 054.
- 7) PP76-SSD12-001 – 041, 043, 045, 100, 102, 104, 108, 110, 112, 114, 049, 051, 053, 221, 225, 227, 235, 237, 241, 245, 247, 255 & 257.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

Only general conversation was held between QA and QC concerning this project.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang; phone: 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Wadkar,Sailesh	Quality Assurance Inspector
Reviewed By:	Hall,Steven	QA Reviewer
